

Staphylococcus capitis, Strain VCU116

Catalog No. NR-46394

Product Description:

Staphylococcus capitis (*S. capitis*), strain VCU116 is of unknown origin. *S. capitis*, strain VCU116 was deposited to BEI Resources as part of the NARSA collection. NR-46394 was produced by inoculation of the deposited material into Tryptic Soy broth and grown for 1 day at 37°C in an aerobic atmosphere. Broth inoculum was added to Tryptic Soy agar with 5% defibrinated sheep blood kolles, which were grown 1 day at 37°C in an aerobic atmosphere to produce this lot. Quality control testing was completed under propagation conditions unless otherwise noted.

Lot: 63406780

Manufacturing Date: 02APR2015

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TEST	SPECIFICATIONS	RESULTS
Phenotypic Analysis Cellular morphology Colony morphology Motility (wet mount) Hemolysis 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar with 5% defibrinated sheep blood Biochemical characterization Catalase 1 day at 37°C in an aerobic atmosphere on Tryptic Soy agar Coagulase VITEK® MS (MALDI-TOF)	Gram-positive cocci Report results Report results Report results Positive Report results <i>S. capitis</i>	Gram-positive cocci Circular, raised, entire, smooth and gray (Figure 1) Non-motile β-hemolytic Positive Negative <i>S. capitis</i> (99.9%)
Genotypic Analysis Sequencing of 16S ribosomal RNA gene (~ 1500 base pairs)	≥ 99% sequence identity to <i>S. capitis</i> , strain VCU116 (GenBank: AFTX01000036.1)	99.9% sequence identity to <i>S. capitis</i> , strain VCU116 (GenBank: AFTX01000036.1) ¹
Purity (post-freeze) 7 days at 37°C in an aerobic atmosphere with 5% CO ₂ on Tryptic Soy agar with 5% defibrinated sheep blood	Growth consistent with expected colony morphology	Growth consistent with expected colony morphology
Viability (post-freeze)	Growth	Growth

¹Also consistent with other *Staphylococcus* species

Figure 1: Colony Morphology



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